

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/S82,861  
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/582,861

DATE: 04/27/2007

TIME: 11:13:21

Input Set : A:\2007-04-21 4456-0109PUS1.ST25.txt

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3 <110> APPLICANT: Nobuo SAKAGUCHI et al.
5 <120> TITLE OF INVENTION: ANTI-HIV ANTIBODY
7 <130> FILE REFERENCE: 4456-0109PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/582,861
10 <141> CURRENT FILING DATE: 2006-06-14
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/003046
13 <151> PRIOR FILING DATE: 2004-03-09
15 <150> PRIOR APPLICATION NUMBER: JP 2003-418655
16 <151> PRIOR FILING DATE: 2003-12-16
18 <160> NUMBER OF SEQ ID NOS: 9
20 <170> SOFTWARE: PatentIn version 3.2
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23 <211> LENGTH: 6429
24 <212> TYPE: DNA
25 <213> ORGANISM: Mus musculus
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29 <221> NAME/KEY: CDS
30 <222> LOCATION: (384)..(6299)
32 <400> SEQUENCE: 1
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37 gtctttgccg agttgctgaa ggccttcact agtcttcgct cgaaggcgctc tgttaacctc      180
39 gcggccggct tccggagtgt taagcatcgc ggataaaaag ctattatttc tagaccaggg      240
41 catcgcaagt tcgagttacc gggagaaaaa tgagatggtc atcctgagga tgaaggagag      300
43 cttcccctgg caacagataa tttaaagagg agagctactt gtgtatagtc catatttatt      360
45 gccttcagat aattggcttg aag atg cac ccg gtg aac ccc ttc gga ggc agc      413
46                               Met His Pro Val Asn Pro Phe Gly Gly Ser
47                               1               5               10
49 agc cca agt gct ttt gcg gta tct tcc agc acc acg gga aca tat cag      461
50 Ser Pro Ser Ala Phe Ala Val Ser Ser Ser Thr Thr Gly Thr Tyr Gln
51                               15               20               25
53 act aaa tca cca ttt cga ttt ggc cag cct tcc ctt ttt gga cag aac      509
54 Thr Lys Ser Pro Phe Arg Phe Gly Gln Pro Ser Leu Phe Gly Gln Asn
55                               30               35               40
57 agc aca ccc agc aag agc ctg gcg ttt tca caa gta cca agc ttt gca      557
58 Ser Thr Pro Ser Lys Ser Leu Ala Phe Ser Gln Val Pro Ser Phe Ala
59                               45               50               55
61 aca ccc tct gga gga agc cat tct tcc tcc ttg cca gca ttt gga ctc      605
62 Thr Pro Ser Gly Gly Ser His Ser Ser Ser Leu Pro Ala Phe Gly Leu
63                               60               65               70
65 acc caa acc tca agt gtg gga ctc ttc tct agt ctc gaa tcc aca cct      653
66 Thr Gln Thr Ser Ser Val Gly Leu Phe Ser Ser Leu Glu Ser Thr Pro
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109	cca	gga	tct	ttg	ggg	gag	ccc	ttc	cca	gct	aac	aaa	cca	agc	ctc	cgc	1181
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117	atg	aag	gga	tta	aag	agg	aaa	gag	gac	cag	gat	cgc	tcc	ccg	agg	aga	1277
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121	cat	tgc	cac	gag	gca	gca	gaa	gac	cct	gat	ccc	ctg	tcc	agg	ggc	gac	1325
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129	act	ttg	ttt	ggc	cgg	aca	ata	cag	gag	gtc	ttc	aaa	agc	aat	aaa	gag	1421
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131					335					340					345		
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139			365					370					375				
141	atg	gta	cct	tcc	cgc	ctt	cca	gct	gtg	act	aaa	gag	gaa	gaa	gaa	agt	1565
142	Met	Val	Pro	Ser	Arg	Leu	Pro	Ala	Val	Thr	Lys	Glu	Glu	Glu	Glu	Ser	
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145	aga	gat	gag	aaa	gaa	gat	tct	ctc	agg	gga	aag	tct	gtg	cgc	cag	agt	1613
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149	aag	cga	agg	gaa	gag	tgg	atc	tac	agc	ctc	ggg	ggc	gtg	tct	tct	tta	1661
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151				415				420							425		
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190	Gly	Ser	Glu	Gly	Ser	Glu	Gly	Leu	Gly	Ser	Cys	Val	Ser	Ser	Leu	Ser	
191				575						580					585		
193	acc	ctg	ata	ggg	act	gtg	gca	gac	aca	tct	gag	gag	aag	tac	cgc	ctt	2189
194	Thr	Leu	Ile	Gly	Thr	Val	Ala	Asp	Thr	Ser	Glu	Glu	Lys	Tyr	Arg	Leu	
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213	aag	gag	tac	agc	cgg	tcc	tct	gca	gat	cag	gag	gag	ccc	ctg	cca	cat			2429
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222	Thr	Gln	Ile	Met	Asp	Gln	Lys	Glu	Gly	Ser	Leu	Arg	Asp	Trp	Tyr	Asp			
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229	cac	ctc	tgt	gat	ccc	ctg	acg	gtg	tct	ctg	atc	gag	aag	tgt	acc	cga			2621
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234	Phe	His	Ile	His	Cys	Ala	His	Phe	Met	Cys	Glu	Glu	Pro	Met	Ser	Ser			
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318	Glu	Leu	Ile	Gln	Glu	Ala	Leu	Gln	Val	Asp	Cys	Glu	Glu	Val	Ser		
319						1080									1090		
321	tcc	gct	ggg	gca	gcc	tac	gta	gcc	gca	gct	ctg	ggc	gtt	tcc	aat		3704
322	Ser	Ala	Gly	Ala	Ala	Tyr	Val	Ala	Ala	Ala	Leu	Gly	Val	Ser	Asn		
323						1095									1105		
325	gct	gct	gtg	gag	gat	ctg	att	act	gct	gcg	acc	acg	ggc	att	ctg		3749
326	Ala	Ala	Val	Glu	Asp	Leu	Ile	Thr	Ala	Ala	Thr	Thr	Gly	Ile	Leu		
327						1110									1120		
329	agg	cac	gtt	gcc	gct	gag	gaa	gtt	tcc	atg	gaa	agg	cag	aga	cta		3794

VERIFICATION SUMMARY

DATE: 04/27/2007

PATENT APPLICATION: US/10/582,861

TIME: 11:13:22

Input Set : A:\2007-04-21 4456-0109PUS1.ST25.txt

Output Set: N:\CRF4\04272007\J582861.raw